

| POSITION                  | INITIALS | 'ID NO. | DATE     |  |  |
|---------------------------|----------|---------|----------|--|--|
|                           | M :      |         | 11/2/    |  |  |
| FEE DETERMINATION         |          |         | 1700     |  |  |
| O.I.P.E. CLASSIFIER       |          | 8       | 11-1400  |  |  |
| FORMALITY REVIEW          | the      | 946     | 12/22/00 |  |  |
| RESPONSE FORMALITY REVIEW | lit      | gor     | 4-10-01  |  |  |
|                           |          |         |          |  |  |

## **INDEX OF CLAIMS**

| ~ | Rejected                   | N   | Non-elected  |
|---|----------------------------|-----|--------------|
| = | Allowed                    | - 1 | Interference |
| _ | (Through numeral) Canceled | Α   | Appeal       |
| ÷ | Restricted                 | 0   | Objected     |

|   |          |               |      |  |               |  | 7            | •  | • • • • •    | ••••     | ••••         | ••••   | ••••• | 1  | 163      | LIIC | • |
|---|----------|---------------|------|--|---------------|--|--------------|--|--------------|----------|--------------|--|-------|--|----------|------|---|
|   | Clá      | aim           |      |  |               |  | Da           | ite  |              |          | -            |  |       | Cla  | aim      |      | _ |
|   | Final    | Original      | 15/0 | 2  |               |  |              |  |              |          |              |  |       | Final  | Original | ソいつの |   |
|   | -        | 2             |      | 4  | +-            | +-   | +            | ╁  | ╁            | ╀        | +            | +  | ┨     | -  | 51<br>52 | 0    | 4 |
|   | <u> </u> | 3             | 0    | -  | +             | +-   | ╁            | ╁  | +            | ╁        | ╁            | ⊢  | ┨     | -  | 53       |      | 1 |
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| 7 | H        | 5             | -    | -  | ╁             | +  | +            | +  | +            | +-       | ╁            | +-   | 1     | -  | 55       |      | 1 |
|   |          | 6             | v    |  | +             | +-   | ╁╌           | +  | +-           | ╁        | ┢            | $\vdash$   | 1     | 一  | 56       | 7    | 1 |
|   | Г        | 7             | C    | 7  | 1             | 1  | 1            | T  | t            | †-       | ✝            | $\vdash$   | 1     | $\vdash$   | 57       | -    | 1 |
|   |          | 8             | V    | 1  | T             | $\top$   | 1            | $\top$   | 1            | 1        | T            |  |       |  | 58       | U    | 1 |
|   |          | 9             | L    | 1  |               | T  | Τ            |  | Τ            |          |              |  | 1     |  | 59       | 0    | 1 |
|   |          | 10            |      | 1  |               |  |              |  |              |          | Γ            |  | ]     |  | 60       | v    | 1 |
|   |          | 11            |      |  |               |  |              |  |              |          |              | L  | ]     |  | 61       | ι    | 1 |
| 1 |          | 12            | ~    | 1_   |               | _  | _            | L  | <u>Ļ</u>     | ļ.       | L            |  | 1     | $ldsymbol{ld}}}}}}$ | 62       | 4    | 1 |
|   |          | 13            | V    | 1_   | L             | _  | L            | <u> </u>   | L            | <u> </u> | <u> </u>     | L  |       | $oxed{oxed}$   | 63       | ۲    | 1 |
|   |          | 14            | V    | 1_   | <u> </u>      | <u> </u>   | 1_           | <u> </u>   | _            |          | <u> </u>     | 上  | -     |  | 64       | O    | 1 |
|   |          | 15            | 1    | 1  | ↓_            | ↓_   | <u> </u>     | <u> </u>   | ┖            |          | ↓.           | <del> </del>                                     |       | Ц  | 65       | Ξ    | 1 |
|   | Н        | 16            | 0    | 4-   |               | ╄  | -            | ╄  | ╄            | Ļ_       | ļ            | -  | l     | _  | 66       | 4    | 1 |
|   |          | <b>(</b> ) 18 | 7    | ┢  | ┢             | ┼  | ╀            | <u> </u>   | <b> </b>     | ├-       | -            | ╀  | ł     | <u> </u>   | 67       | H    | 4 |
|   |          | 19            | ╫    | ┼  | -             | +  | -            | +  | ┼-           | ├        | ⊢            | ⊢  | ł     | _  | 68       | +    | 4 |
| ļ |          | _             | ╫    | +-   | ╁             | ╀  | ┢            | ╀  | $\vdash$     | -        | -            | ├-   | -     | $\vdash$   | 69       | +    | ł |
|   |          | 20            | #-   | ┼  | ├-            | -  | <b>├</b>     | ⊢  | <del> </del> | <b>├</b> | ├            | <u> </u>   | -     | Н  | 70       | 4    | 1 |
|   |          | 21<br>22      | ╟    | ╀  | ╀╌            | -  | -            | ╀  | ⊢            | ├        | ┝            | -  | į     | $\vdash$   | 71       | +    | 1 |
|   | $\vdash$ | 23            | #    | +  | ╀             | ┼  | -            | 1-   | -            | -        | ⊢            | $\vdash$   | ł     | Н  | 72<br>73 | +    | + |
|   |          | 24            | H    | ╁  | ├             | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$     | ╀─       | ⊢            | ┢  | 1     |  | 74       | +    | + |
| 1 | $\dashv$ | 25            | H    | ╁  | $\vdash$      | +  | $\vdash$     | $\vdash$   | <del> </del> | ┢        | ┢            | ├  | 1     | Н  | 75       | +    | ł |
|   |          | 26            | H    | ┢  | <del> </del>  | †-   | H            | $\vdash$   |              |          | ╁            | $\vdash$   | i     | $\vdash$   | 76       | 十    | t |
| Ì | $\neg$   | 27            | Н    | $\vdash$   | $\vdash$      |  | $\vdash$     | <del>                                     </del> | -            | ┢        | ┢            |  | 1     | Н  | 77       | t    | t |
| Ì |          | 28            | H    | 1  | ✝             | 1  | t            | t  | $\vdash$     | 1        | <del> </del> | 1-   |       | Н  | 78       | †    | t |
| Ì |          | 29            | H    | <b>†</b>   |               | $\vdash$   |              | İ  | l            |          | 1            | <del>                                     </del> |       |  | 79       | †    | t |
| ı |          | 30            | T    |  |               |  |              |  | 1            |          | Г            | $\vdash$   | 1     | П  | 80       | †    | t |
| Ì |          | 31            | Т    |  |               |  |              |  |              |          | Γ            |  | 1     |  | 1        | T    | t |
| á |          | 32            |      |  |               |  |              |  |              |          |              |  | ]     |  | 82       | Τ    | Ī |
| 1 |          | 33            |      |  |               |  |              |  |              |          |              |  |       |  | 83       | Ι    | Ī |
| ١ |          | 34            | Ц    | _  |               |  |              |  |              |          |              |  |       |  | 84       | Ι    | I |
|   |          | 35            | 1    | _  | L.            | <u> </u>   | L            |  | _            |          | L            | L  |       |  | 85       | 1    | l |
| 1 | _        | 36            | 1    | _  | <u> </u>      | ļ  | <u> </u>     | <u> </u>   | <u> </u>     | L        | L            | L_   |       |  | 86       | 1    | ļ |
| ŀ |          | 37            | 1    | lacksquare                                       | _             | _  | ļ            | <u> </u>   | <u> </u>     |          | _            | <u> </u>   |       | Ш  | 87       | 1    | ļ |
| ŀ |          | 38            | 1    |  | <del> </del>  | ⊢  | <u> </u>     | <b> </b>   | <u> </u>     | _        | _            | _  |       |  | 88       | ╀    | ļ |
| 1 |          | 39            | -    | ├—   | -             | ├  |              |  | _            | <u> </u> | <u> </u>     | $\vdash$   |       | $\vdash$   | 89       | +    | ļ |
| ŀ |          | 40            | 1    | <u> </u>   |               | ļ  |              | <u> </u>   |              |          | _            |  |       |  | 90       | ╀    | ļ |
| - |          | 41            | ╄-   | <u> </u>   | <u> </u>      | _  | _            | _  |              | _        | _            | _  |       | $\sqcup$   | 91       | Ļ    | ļ |
| - |          | 42<br>43      | ╀    | -  | -             | -  | -            | -  | <u> </u>     | -        | $\vdash$     | H  |       | _  | 92       | =    | 1 |
| ŀ |          | 44            | +    |  | $\vdash$      | _  | -            | <u> </u>   | -            | -        | $\vdash$     | H  |       | $\vdash \vdash$  | 93       |      | ŀ |
| ŀ |          | 44            | +    | $\vdash$   |               | -  | <u> </u>     | $\vdash$   | $\vdash$     | -        | <u> </u>     | Н  |       | Н  | 94<br>95 |      | 1 |
| ł |          | 46            | +    | $\vdash$   | -             | $\vdash$   | <del> </del> |  | -            | _        | $\vdash$     | $\vdash$   |       | $\rightarrow$  | 96       | _    | H |
| ŀ |          | 47            | +    | $\vdash$   | -             | $\vdash$   | $\vdash$     | $\vdash$   | H            | -        | -            | $\vdash$   |       | _  | 97       |      | H |
| ŀ | _        | 48            | ⇟    | $\vdash$   | <del> -</del> | $\vdash$   | $\vdash$     | -  | -            | $\vdash$ | -            | -  |       |  | 98       |      | H |
| ŀ |          | 49            | 1    | $\vdash$   |               |  |              | H  |              |          | Н            |  |       | -  | 99       |      | H |
| t |          | 50            | J    | <del>                                     </del> | _             | <del>                                     </del> | $\vdash$     |  |              | -        | -            | Н  |       |  | 100      |      | r |

| Cla                 | aim        | Γ         |               |          |          | Da                 | ate          |              |              |  | -            |
|---------------------|------------|-----------|---------------|----------|----------|--------------------|--------------|--------------|--------------|--|--------------|
|                     | <u> </u>   | 4         | T             | T        | T        | Т                  | Т            | Т            | Т            |  | Ī            |
| -                   | <u>.</u> ⊑ | K         | -             | 1        | 1        |                    |              |              |              |  | 1            |
| Final               | Ę          | 12        | 1             | 1        |          |                    |              |              |              |  |              |
| ۳                   | 5.4        | からくの(0    | ۴.            | +        | +        | +                  | +            | ╁            | +            | +                                      | +            |
| -                   | 51<br>52   | 2         | -             | -        | +-       | ╀                  | ╀-           | ╄            | ┼            | ╄                                      | ╄            |
| <u></u>             | 52         |           | 上             | ╀        | ╄        | ↓_                 |              | <del> </del> | <del> </del> | $\perp$                                | 1            |
|                     | 53         |           |               | ┖        |          | <u> </u>           | <u> </u>     | <u> </u>     | <u> </u>     | ــــــــــــــــــــــــــــــــــــــ | _            |
| <u>_</u>            | 54         | W         | 1_            | ↓_       | ↓        | ↓                  | _            | 1_           | <u> </u>     | <del> </del>                           | Ļ            |
| _                   | 55         |           | 1             | _        | _        | <u> </u>           | _            | $\perp$      | 1_           | <u> </u>                               | $\perp$      |
| _                   | 56         | 1         | Ļ             | ╙        | ┖        | <u> </u>           | $\perp$      | <u> </u>     | <u> </u>     |  | ┖            |
|                     | 57         | F         | 1_            | ــــ     | _        | $oldsymbol{\perp}$ | _            | ╙            | <u> </u>     | _                                      | <u>L</u>     |
|                     | 58         | _         | <u> </u>      | <u> </u> | ļ        | $oxed{}$           | _            | ┖            | ╙            | ╙                                      | L            |
| L_                  | 59         | 0         | <u> </u>      | <u> </u> |          | <u> </u>           |              | _            | 丄            | L                                      | <u>L</u>     |
|                     | 60         | 2         | 1_            | _        | $\perp$  |                    |              |              | L            |  |              |
| L                   | 61         | ı         | 1_            |          | 1        |                    | <u> </u>     |              |              |  |              |
| $\Box$              | 62         | 4         | 1             | L        | $\perp$  | L                  |              | L            | L            | Ĺ                                      | L            |
|                     | 63         | <u> </u>  | 1             | Ĺ        | Ĺ        |                    |              |              | $\Box$       |  |              |
|                     | 64         | Q         |               |          |          |                    |              |              |              | Γ                                      |              |
|                     | 65)        | =         | Γ             | Г        |          |                    |              |              |              |  | Ī            |
| Г                   | 66         | Î         |               |          |          | Γ                  |              |              | Π            | T                                      | Γ            |
|                     | 67         | 1         | Т             | Γ        | П        | 1                  | T            | 1            |              | T                                      | T            |
|                     | 68         | Π         | T             | T        | T        | T                  |              |              | T            | Г                                      | 1            |
|                     | 69         | IT        | T             | T        | T        | $\vdash$           | 1            | Т            | T            | 1                                      |              |
|                     | 70         | $\dagger$ |               | T        | $\vdash$ | 1                  | 1            | $\vdash$     | $\vdash$     | $\vdash$                               | 1            |
| $\vdash$            | 71         | H         | $\vdash$      | +        | $\vdash$ | ╁                  | 1            | $\vdash$     | $\vdash$     | +-                                     | +            |
| -                   | 72         | +         | $\vdash$      | +        | 1        | +                  | +-           | -            | -            | -                                      | -            |
| $\vdash$            | 73         | +         | -             | -        | ┼        | $\vdash$           | +            | ⊢            | ├            | $\vdash$                               | $\vdash$     |
| <del> </del>        | 74         | #         | -             | +-       | +        | -                  | $\vdash$     | -            | -            | -                                      | $\vdash$     |
| Н                   | 75         | #         |               | $\vdash$ | -        | ├                  | +-           | $\vdash$     | -            | -                                      | ⊢            |
| $\vdash$            |            | +         | $\vdash$      | $\vdash$ | $\vdash$ | ┼                  | $\vdash$     | -            | $\vdash$     | -                                      | $\vdash$     |
| Н                   | 76         | ╀         | ⊢             | -        | ├        | -                  | $\vdash$     |              | ├            | <del> </del> —                         |              |
| Н                   | 77         | +         | $\vdash$      | $\vdash$ |          | -                  |              | <u> </u>     | -            | $\vdash$                               | <u> </u>     |
| $\vdash \vdash$     | 78         | +         | H             | -        |          | $\vdash$           | -            | -            | $\vdash$     | -                                      | <u> </u>     |
| Н                   | 79         | 4         | <u> </u>      | $\vdash$ | $\vdash$ | ⊢                  | <b> </b>     | <u> </u>     | 1            | $\vdash$                               | <del> </del> |
| Ш                   | 80         | 4         |               |          | _        | ├-                 | <u> </u>     | _            | <u> </u>     | <u> </u>                               | <u> </u>     |
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| Ш                   | <b>2</b> 2 | 4         |               | _        | <u>L</u> | _                  | _            | _            | _            | L                                      | _            |
| Ш                   | 83         | 1         | _             | _        |          | L_                 | _            | $oxed{oxed}$ | _            | _                                      | _            |
| Ш                   | 84         | 1         | _             |          | _        | Ш                  |              |              | <u></u>      | _                                      | Ĺ            |
| Ш                   | 85         | 1         |               | <u>_</u> | <u> </u> | <u> </u>           | L            |              | <u> </u>     |  | L            |
| Ш                   | 86         | $\perp$   | L             | L        | <u></u>  |                    | $\Box$       |              |              |  |              |
| $\Box$              | 87         | L         | Ĺ             |          |          |                    |              |              | L            |  | Ĺ            |
|                     | 88         | L         |               |          |          |                    | L            | L            |              |  |              |
|                     | 89         | Γ         |               |          |          |                    |              |              |              |  |              |
|                     | 90         | T         |               |          |          | Ī                  |              |              |              |  |              |
|                     | 91         | T         |               | Ι.       | <u> </u> | $\vdash$           |              |              |              | ┢                                      | _            |
| $\vdash$            | 92         | +         | _             | _        | Т        | 1                  |              | <u> </u>     | H            | H                                      | -            |
| ┝┼                  | 93         | Ξ.        | $\vdash$      |          | $\vdash$ | $\vdash$           | $\vdash$     | <del> </del> | $\vdash$     | $\vdash$                               | -            |
| $\vdash \vdash$     | 94         | -         | <del> -</del> | -        | -        | $\vdash$           | $\vdash$     |              | $\vdash$     |  | -            |
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|                     | -          | _         |               | $\vdash$ | $\vdash$ | ├                  |              |              | -            |  |              |
|                     | 97         |           | _             | -        |          |                    | H            |              | _            | <u> </u>                               |              |
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| Cla           | aim        |          |          |              |  | Da             | ate  | -            |              |          |            |
|---------------|------------|----------|----------|--------------|--|----------------|--|--------------|--------------|----------|------------|
|               |            | 1        | Π        |              | T  | T              | Т  | Ī            | Τ            | Г        | Τ          |
| Final         | Original   |          |          |              |  |                |  |              |              |          |            |
| 뱉             |            | _        | L        | L            | _  | ┖              | $\perp$  | L            | L            | L        | _          |
| <u> </u>      | 101        | <u> </u> | _        | $\perp$      | $\perp$  | _              | $oxed{\bot}$                                     | 1            |              | $\perp$  | _          |
| <u> </u>      | 102        |          | _        | _            | <u> </u>   | _              | _  | _            | L            | <u> </u> | _          |
| L             | 103        |          |          | L            | L  | 1              | $oxed{oxed}$                                     |              | L            | L        | 1          |
| L             | 104        |          | _        | <u> </u>     | ↓_   | L              | ļ  | _            | $\vdash$     | L        | _          |
| <u> </u>      | 105        | _        | _        | _            | <del> </del>                                     | <del> </del> _ | _  | _            | ┡            | L        |            |
| _             | 106        | L        |          | <del> </del> | ↓_   | <del> </del>   | ـ  |              | ┡            | $\vdash$ | 1          |
| $\vdash$      | 107        | _        | <u> </u> | ┞            | -  | $\vdash$       |  | _            | $\vdash$     | $\vdash$ | ₩          |
| $\vdash$      | 108        | _        | _        | -            | -  | -              | -  | -            | ├            | -        | <b>├</b> - |
|               | 109        | _        |          | $\vdash$     | $\vdash$   | $\vdash$       | ┼  | <del> </del> | $\vdash$     | $\vdash$ | 1          |
| <u> </u>      | 110        | _        |          | $\vdash$     | $\vdash$   | $\vdash$       | +  |              | -            | -        | $\vdash$   |
|               | 111        | _        | -        | <del> </del> | ┼-   | -              | -  | ╀            | L            | ⊢        | ├-         |
| Н             | 112        | -        | $\vdash$ | $\vdash$     | $\vdash$   | $\vdash$       | $\vdash$   | -            | <del> </del> |          | $\vdash$   |
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|               | 117        |          | H        | $\vdash$     | ┢  | ⊢              | <del> </del>                                     | ⊢            | $\vdash$     | $\vdash$ | $\vdash$   |
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|               | 119        |          | -        | -            | -  | $\vdash$       | 1  | $\vdash$     | -            | +-       | -          |
|               | 120        | _        | -        | <del> </del> | $\vdash$   | +-             | -  | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$   |
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|               | 125        |          | -        | -            | <del>                                     </del> | ╁╌             | -  | -            | $\vdash$     | $\vdash$ | -          |
|               | 126        |          |          | $\vdash$     | 一  | -              | <del>                                     </del> | $\vdash$     | $\vdash$     | ┢╌       | -          |
|               | 127        | -        | -        | -            | <del>                                     </del> | $\vdash$       | $\vdash$   | -            | -            | $\vdash$ | $\vdash$   |
|               | 128        | _        |          | $\vdash$     | H  | $\vdash$       | <del> </del>                                     | -            | $\vdash$     | $\vdash$ |            |
|               | 129        |          |          |              | -  | -              | 1  |              | $\vdash$     |          | Н          |
|               | 130        | -        |          | _            | _  | Г              |  |              | $\vdash$     | _        | Н          |
| $\rightarrow$ | 131        | T        |          |              | Г  |                | <b>!</b>   | -            | $\vdash$     | $\vdash$ | Н          |
|               | 132        |          |          |              |  |                | Т  |              | Г            | Г        | $\Box$     |
|               | 133        |          |          |              | Π  | Γ              |  | Γ            | Т            | <u> </u> | П          |
|               | 134        |          |          | _            | 1  | Γ              |  | Г            | Γ            |          | П          |
|               | 135        |          |          |              |  |                |  |              |              |          |            |
|               | 136        |          |          |              |  |                |  |              |              |          |            |
|               | 137        |          |          |              |  |                |  |              |              |          |            |
|               | 138        |          |          |              |  |                |  |              |              |          |            |
|               | 139        |          |          |              |  | Ĺ              |  |              |              |          |            |
|               | 140        | _]       |          |              |  |                |  |              |              |          |            |
| $\neg$        | 141        |          |          |              |  |                | Ī.,  |              |              |          |            |
|               | 142        |          |          |              |  |                |  |              |              |          |            |
|               | 143        |          |          |              |  |                |  |              |              |          |            |
|               | 144        | _1       |          |              |  |                |  |              |              |          |            |
|               | 145        |          |          |              |  |                |  |              |              |          |            |
|               | 146        |          |          |              |  |                |  |              |              |          |            |
|               | 147        |          |          |              |  |                |  |              |              |          |            |
|               | 148        |          |          |              |  |                |  |              |              |          |            |
|               | 149        |          |          |              |  |                |  |              |              |          |            |
|               | 150        | ٦        |          |              |  |                |  |              |              |          |            |

If more than 150 claims or 10 actions staple additional sheet here

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